1497

Dec 31
10:39 A

Thelma Peddle

GW -

File No. .....

T 1N R 3E

DUPLICATE

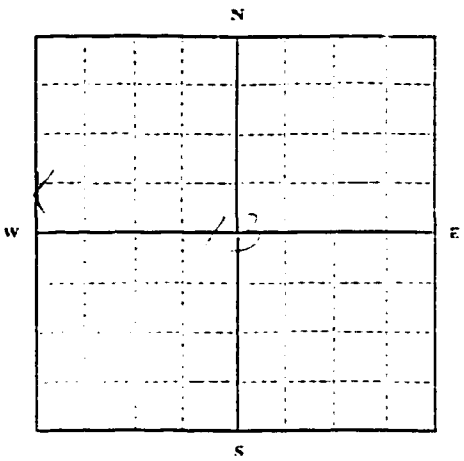
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Richard A + Tena Young of Manhattan
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE¼ Sec. 13 T. 1N R. 3E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950- household lawn + garden

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal. per Min

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Garden + Lawn Richard A + Tena Young

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 5" casing with jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not available

8. The depth of water table 15' from ground level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater ground well with 5" casing approximately 68' deep.

10. The estimated amount of groundwater withdrawn each year 500,000

11. The log of formations encountered in the drilling of each well if available not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available

Signature of Owner .....

Date .....

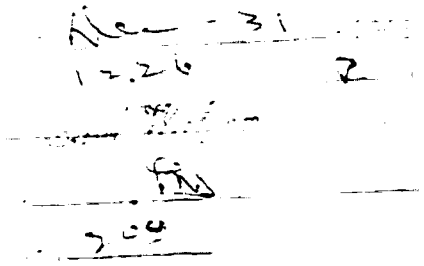
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

35917

1663



GW

File No.

DUPLICATE

T R

County Gallatin

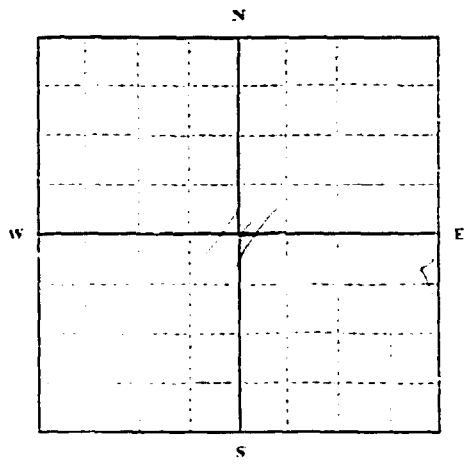
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Richard A. Young of Manhattan
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



¼ Sec. T. R.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
household and barn (Dairy)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1900

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
20 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Barn - household - Barn
Richard A. Young

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
submersible jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
not available

8. The depth of water table 15 feet (approximately)

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
ground well with a 4 inch casing
approximately 50 feet in depth

10. The estimated amount of groundwater withdrawn each year ½ million gallons

11. The log of formations encountered in the drilling of each well if available
not avilable

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date Dec. 30, 1963

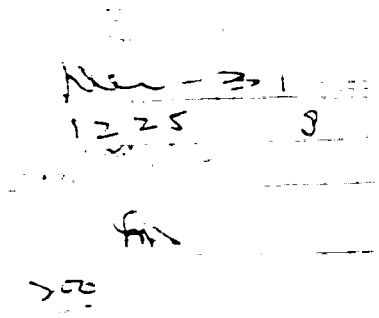
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

35716

1602



GW

Approved Form—State Publishing Co., Helena, Montana—42214

File No.

T. 1N R. 3E

DUPLICATE

County Gallatin

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

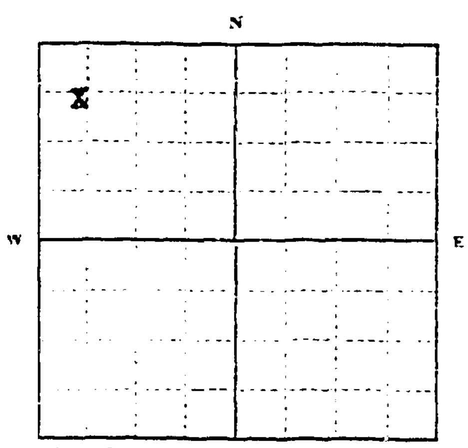
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. WYTANA LIVESTOCK COMPANY (Name of Appropriator), of 1670 Denver Club Bldg., (Address) Denver (Town)

County of Denver State of Colorado

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW¼NW¼, South feed lot, 776' south of scale house ¼ Sec. 16 T. 1N R. 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic and livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 22, 1957 - continuous use since that date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 28 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 22, 1957

8. The depth of water table 110 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 359' deep, 6" casing, 35' draw down

10. The estimated amount of groundwater withdrawn each year 200,000 gallons

11. The log of formations encountered in the drilling of each well if available Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

WYTANA LIVESTOCK COMPANY

Signature of Partner:

Date December 26, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33-12

#1153

December 30

8:15 A 1963

at ____ M.

EARL WALTON

By

Fee $ 2.00

Approved Stock Form State Publishing Co., Helena, Montana—1957

File No.

T 1 N R 3 E

DUPLICATE

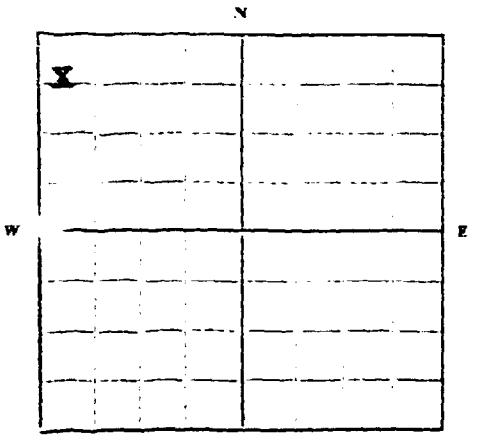
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. WYTANA LIVESTOCK COMPANY of 1670 Denver Club Bldg., Denver
(Name of Appropriator) (Address) (Town)
County of Denver State of Colorado
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW Corner NW¼, Well in house

¼ Sec. 16 T 1N R. 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic and livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Actual earliest date unknown but used continuously for above purpose since 1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump (see map for location)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1955

8. The depth of water table Not known. Approximately _____ feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" casing, approximately 200' deep

10. The estimated amount of groundwater withdrawn each year 200,000 gallons

11. The log of formations encountered in the drilling of each well if available Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None known

WYTANA LIVESTOCK COMPANY

Signature of ~~Owner~~Partner:

Date December 26, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33237

#1147

State of Montana)
County of Gallatin) ss.

Filed December 30, 1958

at 8:09 o'clock M.

EARL WALTON

COUNTY CLERK & RECORDER

By Thelma Steele DEPUTY

Fee $ 2.00

Approved Stock Form -State Publishing Co., Helena, Montana

File No.....

T. 1 N R. 3 E

DUPLICATE

County.....

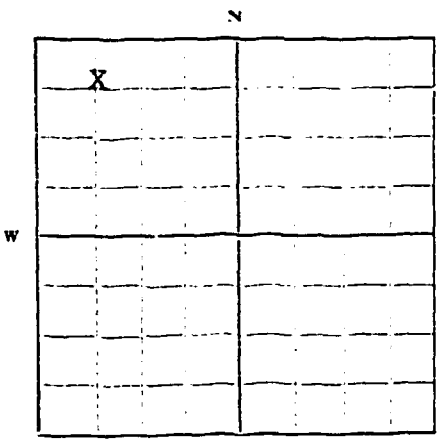
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. WYTANA LIVESTOCK COMPANY of 1670 Denver Club Bldg., Denver
(Name of Appropriator) (Address) (Town)

County of Denver State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW¼NW¼, 43' South of house

¼ Sec. 16 T. 1N R. 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based: Domestic and livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Actual earliest date unknown but used continuously for above purpose since 1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Not used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pump (see map for location)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Prior to 1955

8. The depth of water table: Not known. Approximately ____ feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6" casing, approximately 210' deep

10. The estimated amount of groundwater withdrawn each year: 200,000 gallons

11. The log of formations encountered in the drilling of each well if available: Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None known

WYTANA LIVESTOCK COMPANY

Signature of ~~Owner~~ Partner:

Date: December 26, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33236

#1146

ss.

December 30

1968

8:08 A

EARL WALTON

Thelma Fields

2.00

Fee $

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45642

File No.

T. 1N R. 3E

DUPLICATE

County Gallatin

NOV

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
~~OFFICE~~ OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Depth (feet)	Log
Top of Ground	Gravel bound in Clay
(Elev. above sea level)	
5–20	Sandy Clay
23½	static water level
23½–34½	
34½–60	Clay
60–80	Thin layers of sandstone in clay
80–83	Sand + Fine Gravel
83–100	Sand
100–109	Sandy Clay
109–110	Sand + Fine Gravel
110	Bottom of well

Show exact depth of bottom.

Owner JAMES C. TAYLOR DBA WYTANA LIVESTOCK CO Address BELGRADE, MONTANA

Driller Donald C. Jones Address 2107 Bridger Dr. Bozeman, Montana

Date of Notice of appropriation of groundwater

Date well started Nov. 5, 1968 Date completed Nov. 11, 1968

Type of well Drilled Equipment used Churn Drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	Perforations: Kind Size	From (Feet)	To (Feet)
8	8⅝" O.D. .250 wall	1½' above Ground	109'	—	—	—

Static Water Level for non-flowing well 23½ feet.

Shut-in Pressure for Flowing Well —

Pumping Water Level 110 feet at 50 gal. per minute.

Discharge in gal. per min. of flowing well —

How Tested Pump

Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff)

N / W / E / S

SW¼ NW¼ Sec 16 T 1N R 3E

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Stock Water

17
Driller's License Number

Donald C. Jones
Driller's Signature

47,824

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

#2206

State of Montana)
County of Gallatin) ss.

November 26, 1968
3:00 o'clock A. M.
CARL L. STUCKY
County Clerk & Recorder
Deputy

2.00 pd

Approved Stock Form - State Publishing Co., Helena, Montana

File No. ____

T 1 N R 3 E

DUPLICATE

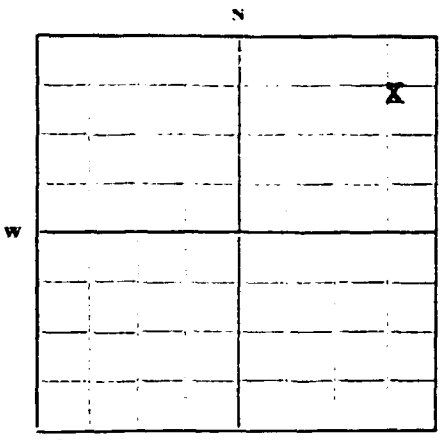
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. WYTANA LIVESTOCK COMPANY of 1670 Denver Club Bldg., Denver
(Name of Appropriator) (Address) (Town)
County of Denver State of Colorado
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE¼NE¼, 116's South of house
¼ Sec. 17 T 1N R 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic and livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Actual earliest date unknown but used continuously for above purpose since 1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump (see map for location)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1955

8. The depth of water table Not known. Approximately _____ feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 8" casing, approximately 180' deep

10. The estimated amount of groundwater withdrawn each year 200,000 gallons

11. The log of formations encountered in the drilling of each well if available Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None known

WYTANA LIVESTOCK COMPANY

Signature of ~~owner~~ Partner: _____

Date December 26, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33-75

#1145

SS.

December 30 A 1953

8107

EARL WALTON

Deborah Fiddes

By

2.00

Fee $

Approved Stock Form—State Publishing Co., Helena, Montana

File No. ....

T. 1N R. 3 East

DUPLICATE

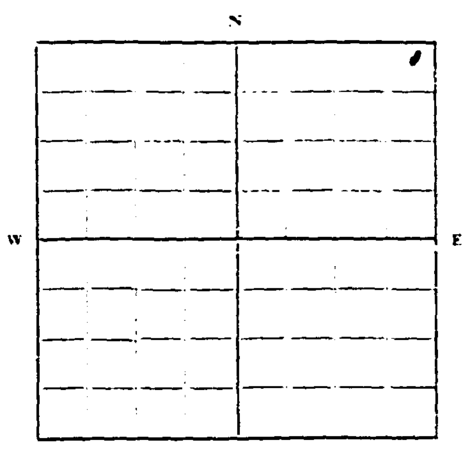
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Sam T. Sinnema (Name of Appropriator) of R I Box 172 (Address) Manhattan (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ Sec. 19 T. 1N R. 3East

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock Water House Hold use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1907 at all time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1008 a day or 42 gallons a minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Garden Spot

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Plunger type pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1907

8. The depth of water table 186 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well 7 in casing 365 feet

10. The estimated amount of groundwater withdrawn each year 367,920 gals

11. The log of formations encountered in the drilling of each well if available not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Sec 19

Signature of Owner Sam T. Sinnema

Date Dec 24. 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator

33271

#1126

ss.

December 27

3:49 1963

EARL WALTON M.

By [illegible signature]

2.00

Fee $

File No.

DUPLICATE

T 1N R 3E 21

County Gallatin

RECEIVED AUG 26

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0

Top of Ground

(Elev. above sea level..............)

0 to 4 feet
Topsoils

4 to 48 feet
Dirty Coarse Dry Gravels

48 to 61 feet
Siltstone intermixed with Buff Clay

61 to 90 feet
Buff Clay

90 to 102 feet
Siltstone

96 feet
Static Water Level

102 to 108 feet
Sloppy Sand & Clay

108 to 118 feet
Claybound Sand

118 to 140 feet
Siltstone

140 to 156 feet
Heaving Sands & Gravels

Owner Ray Ygra Address R.R. #1. Manhattan, Mont.

Driller Potts Drilling & Dev. Address R.R. #1. Bozeman, Mont.

Date of Notice of Appropriation of Groundwater

Date well started April 3, 1968 Date Completed April 18, 1968

Type of well drilled (dug, driven, bored or drilled) Equipment Used cable tool (Churn, drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 250 Wall	+2	148	.1200 Slot Stainless Steel Johnson Well Screen	147'	153'

Static Water Level for non-flowing Well 96 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 120 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested pump & Bailer Length of Test 3 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation

N

W E

S

x

SE¼ Sec. 21 T. 1N. R. 3E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

150
Driller's License Number

Hubert A Potts
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

7580 3187

State of Montana
County of Gallatin } ss.

Filed August 22, 1968
at 4:30 o'clock P M.
Paul L. Stucky
County Clerk & Recorder
By Betty Rose Griggs
Deputy
Fee: 3.00 Pd

File No.

DUPLICATE

T R 3 E

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Raymond ... of Box 377 Manhattan
(Name of Appropriator) (Address) (Town)

County of .... State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

N — W — E — S

¼ Sec. 21 T. 1 N R. 3 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based For livestock for domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1925

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5-7 gal. per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
2 houses
20 head of cattle

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
... pump
... pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
... electricity 1941

8. The depth of water table ... ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
4 in. Casing 270 ft deep

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available
not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
no information

Signature of Owner Ray ...

Date ... 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder, Duplicate to the State Engineer, Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate ...

13317

1054

State of Montana)
County of Gallatin) ss.

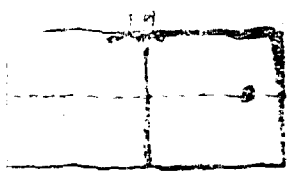
Filed Dec 26, 1963

at 11 E o'clock P M.

COUNTY CLERK & RECORDER

By [signature] DEPUTY

Fee $ 2.50



Owner: [illegible] Address: Box 68, Bozeman, Montana

Driller: Henry Bates Address: Manhattan, Montana

Date started: 1878 Date completed: 1878

Location: Sec. 22 T. 2 N. R. 5 E. Sec. 33

Type of well: Dug (Dug, driven, or drilled) Equipment used: other (dug, drill, rotary, other)

Water used: Domestic XX Municipal ___ Stock X Irrigation XX garden

Industrial ___ Drainage ___ Other ___

Casing: ___ ft. to ___ ft. Type Rocks Size ___

Casing: ___ ft. to ___ ft. Type ___ Size ___

Casing: ___ ft. to ___ ft. Type ___ Size ___

Perforated or screened: ft. ___ to ft. ___, ft. ___ to ft. ___

Type of screen or perforations ___

Static water level, for non-flowing well: 2 feet.

Shut-in pressure, for flowing well: ___ lb./sq. in. on: ___ (date)

Pumping water level ___ feet at ___ gal. per min. ___

How was test: Montana State College

Log: [illegible]

#449

Gallatin County,
State of Montana, } ss.

Filed Dec 19, 1961

at 4:42 o'clock P M.

Earl Hatton
COUNTY CLERK & RECORDER

By [illegible]
DEPUTY

Fee $ 2.00 pd

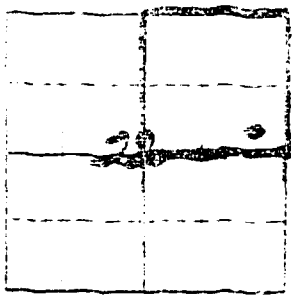
22

1-03

T. 1 North R. 1 East

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana



Water Well Log

Owner Frankie Pearl Hier Address Box 63, Bozeman, Montana

Driller Charles T. White Address Manhattan, Montana

Date Started 1918 Date Completed 1918

Location: sec. 22 T. 1 N. R. 3 E ¼ sec. N ½

Type of well Drilled Equipment used Drill
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic XX Municipal ____ Stock XX Irrigation XX garden

Industrial ____ Drainage ____ Other ____

Casing: 0 ft. to 45 ft. Type iron Size 6 inch

Casing: ____ ft. to ____ ft. Type ____ Size ____

Casing: ____ ft. to ____ ft. Type ____ Size ____

Perforated or screened: ft. ____ to ft. ____. ft. ____ to ft. ____

Type of screen or perforations ____

Static water level, for non-flowing well: 30 feet.

Shut-in pressure, for flowing well: ____ lb./sq. in. on: ____
(date)

Pumping water level 45 feet at ____ gal. per min. ____

How tested: ____

Length of test: ____

Remarks: Material packing, cementing, packers, type of shut-off, depth of shut-off

____

____

____

Form No. 18
8-60

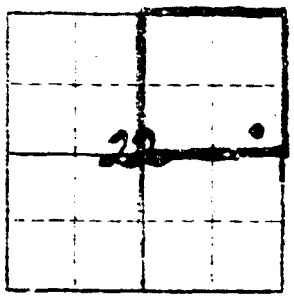
27

T. 1 North R. 3 East

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log



Owner Frankie Pearl Hier Address Box 68, Bozeman, Montana

Driller Charles T. White Address Manhattan, Montana

Date Started 1918 Date Completed 1918

Location: Sec. 22 T. 1 N. R. 3 E ¼ sec. N E ¼

Type of well Drilled (Dug, driven, or drilled) Equipment used Drill (Churn, drill, rotary, other)

Water use: Domestic [XX] Municipal [ ] Stock [XX] Irrigation [XX] garden

Industrial [ ] Drainage [ ] Other

Casing: 0 ft. to 45 ft. Type iron Size 6 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static water level, for non-flowing well: 30 feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 15 feet at gal. per min.

How tested:

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

#405

Gallatin County,
State of Montana. } ss.

Filed Dec 29, 1951

at 4:01 o'clock P M.

COUNTY CLERK & RECORDER

By [illegible] DEPUTY

Fee $1.50

Owner [illegible] Address Box [illegible], [illegible], Montana

Driller [illegible] Address Manhattan, Montana

[illegible] 181 Date completed 1904

[illegible] sec. SE¼

[illegible] Equipment used Drill
(churn, drill, rotary, other)

Water used: Domestic XX Municipal ___ Stock XX Irrigation ~~XX~~ garden

Industrial ___ Drainage ___ Other ___

Casing: [illegible] ft. to [illegible] ft. Type [illegible] size [illegible] inch

Casing: ___ ft. to ___ ft. Type ___ size ___

Casing: ___ ft. to ___ ft. Type ___ size ___

Perforated or screened [illegible] ft. ___ ft. ___ to ft. ___

Type of screen or perforations ___

Static water level [illegible] casing well: 37 feet.

[illegible] sq. in. on: ___
(date)

[illegible] per min. ___

[illegible]

[illegible]

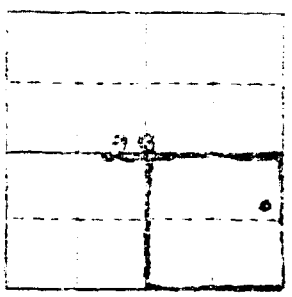
22

T. 1 N. R. 3 East

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log



Owner Frankie Pearl Miller Address Box 68, Bozeman, Montana

Driller Charles T. White Address Manhattan, Montana

Date Started 1894 Date Completed 1904

Location: Sec. 22 T. 1 N. R. 3 E ¼ sec. SE¼

Type of well Drilled Equipment used Drill
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic [XX] Municipal [ ] Stock [XX] Irrigation [XX garden]

Industrial [ ] Drainage [ ] Other

Casing: top ft. to 60 ft. Type iron Size 6 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: ft. to ft. ft. to ft.

Type of screen or perforations

Static water level, for non-flowing well: 31 feet.

Shut-in pressure, for flowing well: lb./sq. in. on:
(date)

Pumping water level ft. feet at gal. per min.

How tested: Montana State College

Length of test

Remarks: Material packing, cementing, packers, type of shut-off, depth of shut-off

Gallatin County,
State of Montana, } ss.

Filed [illegible], 1961

at [illegible] o'clock [illegible] M.

[illegible]
COUNTY CLERK & RECORDER

By [illegible]
DEPUTY

Fee $[illegible]

C —Helena Independent Record

File No.....

DUPLICATE

T 1N R 3E

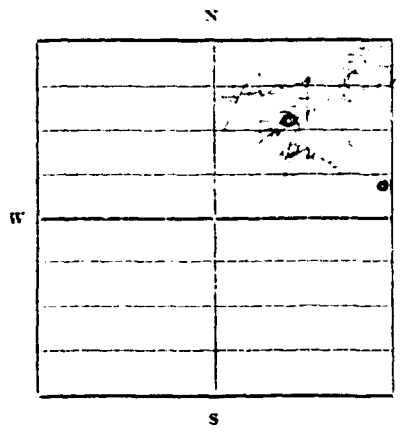
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. FRANKIE PEARL HIER of 1026 South Grand, Bozeman
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



¼ Sec. 22 T 1N R 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based is for irrigation and livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1918, in June. Has been continuously used for livestock water and for irrigation since said date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) The source is two springs and a springy draw, as per plat. 5000 gallons per day.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NE Quarter of Section 22, T1N, R3E, Gallatin County, Montana. Frankie Pearl Hier

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Two enlarged springs and one springy draw, as shown on plat, produces the water for livestock and for irrigation.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started in 1918, and enlarged and developed as need for use developed and used constantly since 1918.

8. The depth of water table Each spring about five feet deep

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater ~~xxxxxxxxxxxx~~ The water from both springs is carried in a ditch leading to the Northeast, where it is used by livestock and for use through the sprinkling system.

10. The estimated amount of groundwater withdrawn each year 600,000 gallons per year

11. The log of formations encountered in the drilling of each well if available none available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none available.

Signature of Owner Frankie Pearl Hier

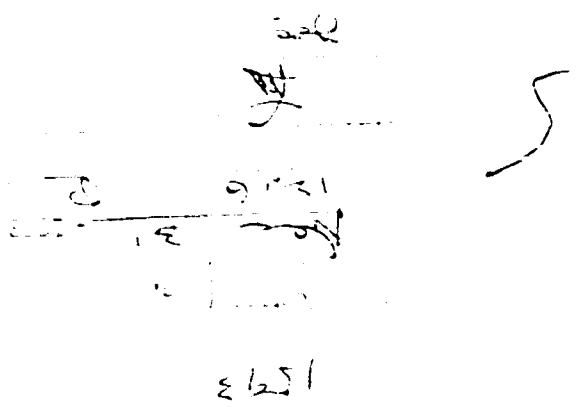
Date Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

3 G 9 7



T. 1 North R. 3 East

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner Frankie Pearl Hiar — Address Box 58, Bozeman, Montana

Driller Charles T. White — Address Manhattan, Montana

Date started 1918 — Date Completed 1918

Location: Sec. 3 T. 1 N. R. 3 E. ¼ sec. SW¼

Type of well Drilled (dug, driven, or drilled) — Equipment used Drill (churn, drill, rotary, other)

Water use: Domestic XX Municipal ___ Stock XX Irrigation XX garden

Industrial ___ Drainage ___ Other ___

Casing: 0 ft. to 45 ft. Type iron size 6 inch

Casing: ___ ft. to ___ ft. Type ___ size ___

Casing: ___ ft. to ___ ft. Type ___ size ___

Perforated or screened: Ft. ___ to ft. ___. Ft. ___ to ft. ___

Type of screen or perforations ___

Static water level, for non-flowing well 35 feet.

Shut-in pressure, for flowing well: ___ lb./sq. in. on: ___ (date)

Pumping water level 20 feet at ___ gal. per min. ___

How [illegible] ___

[illegible] ___

[illegible]

#447

Gallatin County, } ss.
State of Montana.

Dec 29,

at 4:40 o'clock P M.

Earl [illegible]

COUNTY CLERK & RECORDER

By [illegible]

DEPUTY

Fee $ 7.00 pd

G -Helena Independent Record

File No.....

T 1N R 3E

DUPLICATE

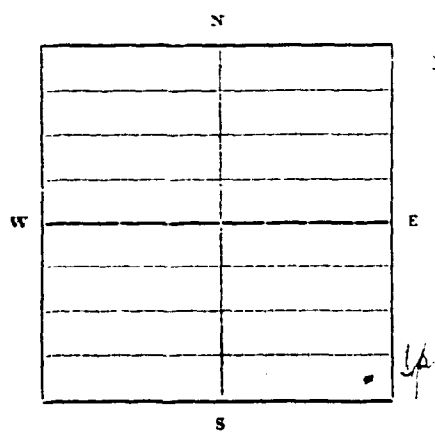
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Frankie Pearl Hier of 1026 South Grand, Bozeman
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW¼ Sec. 23 T. 1N R. 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based is for irrigation and livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June, 1898, and has been continuously used for livestock water and for irrigation since said date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5900 gallons per day

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
SW 1/4 of Sec. 23, T1 N R 3 E.
Owner: Frankie Pearl Hier

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Improved and enlarged spring flowing into water troughs for livestock, and with removal from spring by pump for sprinkling irrigation.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater ~~xxxxx~~ Started in 1898 and enlarged and developed as need for use developed, but use has been constant since 1910.

8. The depth of water table five feet;

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater wooden structure 4 by 6 feet, with a depth of three feet.

10. The estimated amount of groundwater withdrawn each year 540,000 gallons

11. The log of formations encountered in the drilling of each well if available none available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. none available.

Signature of Owner Frankie Pearl Hier

Date December 30, 1963

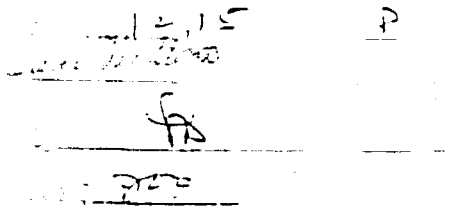
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

35906

1592



GW

File No. .....

DUPLICATE

Approved Stock Form—State Purchasing Co., Helena, Montana

T. ... R. ...E

County ...

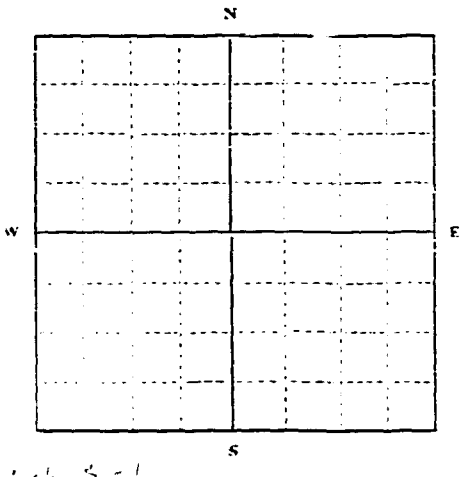
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ..... , of .....
(Name of Appropriator) (Address) (Town)

County of ..... State of .....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE¼ SE¼ ¼ Sec. 24 T. 1 R. 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based .....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been .....
1923

4. The amount of groundwater claimed (in miner's inches or gallons per minute) .....

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof .....

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal .....

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1923

8. The depth of water table .....

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater .....

10. The estimated amount of groundwater withdrawn each year .....

11. The log of formations encountered in the drilling of each well if available .....

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record .....

Signature of Owner .....

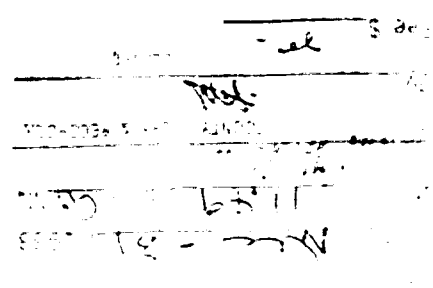
Date .....

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator

3588



G.

File No.

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

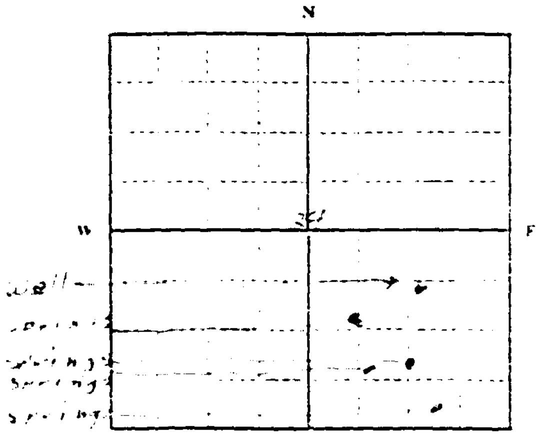
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ROBERT CLOWES McCLELLAND, of Rt 1. Box 11. Manhattan
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 34 T. 1 N R. 3 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based House, livestock, and irrigation water

3. Date or approximate date of earliest beneficial use and how continuous the use has been All springs and well have been in use as far back as any-one can remember.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) the 4 springs run approximately 70 inches. The well runs enough for the house and stock, we don't know how much it is.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Approximately 70 acres Owners are Robert Clowes McClelland and Dorothy Clowes McClelland

6. The means of withdrawing such water from the ground and the location of each well or other means, with The well has a deep well hand pump. The springs run all the time by themselves.

7. The date of commencement and completion of the construction of the well or other works for withdrawal of groundwater They were made so long ago no one knows.

8. The depth of water table The water in the well is struck at about 10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater About 80 foot well

10. The estimated amount of groundwater withdrawn each year The well probably has 20 gallons withdrawn each day.

11. The log of formations encountered in the drilling of each well if available none avalable.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record We don't know of any.

Signature of Owner [signature]

Date [handwritten date]

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator

33-1

1044

Approved State Form—State Publishing Co., Helena, Montana

File No.

T. 1 R. 3E

DUPLICATE

County [illegible]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Irene McQuaid (Name of Appropriator), of Route 1 (Address) Manhattan (Town)

County of Gallatin State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

[Section grid: N / W / E / S; marked "24" and "X"]

S½ SE¼ ¼ Sec. 24 T. 1 N R. 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household Spring for Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Spring has been used since [illegible] since 1933 has been used continually

4. The amount of groundwater claimed (in miner's inches or gallons per minute)

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof [illegible] irrigated [illegible] And [illegible] Spring for [illegible]

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pitcher pump [illegible]

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 1933 completed Sept 1933 [illegible]

8. The depth of water table 2 FT

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 30 FT deep through Shale

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available Shale

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Irene McQuaid

Date 12-3-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder. Duplicate to the State Engineer. Triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.

3-885

G

File No. .....

DUPLICATE

T 1S R 5E

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

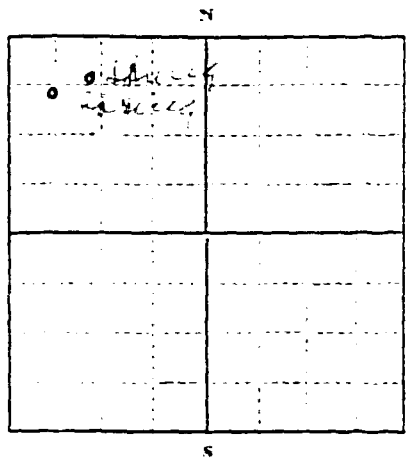
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. FRANKIE PEARL HIER (Name of Appropriator) of 1026 South Grand, (Address) Bozeman (Town)

County of Gallatin State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ¼NW Sec. 29 T. 1 S. R. 5 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based for irrigation and livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1890, in June. And has been continuously used for livestock water and for irrigation since said date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4000 gallons per day

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1/2 NW 1/4 said Section 29, T1N R3E, Frankie Pearl Hier

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 2 improved and enlarged springs flowing into watertroughs for live stock and withdrawal from both springs by pump for irrigation.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started in 1890, and enlarged and developed as need for use developed, but use has been constant since 1890.

8. The depth of water table In excess of 20 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater For livestock spring water is piped into w atering troughs and for irrigation the spring is pumped into the sprinkling system.

10. The estimated amount of groundwater withdrawn each year one million gallons per year

11. The log of formations encountered in the drilling of each well if available none available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none available.

Signature of Owner Frankie Pearl Hier

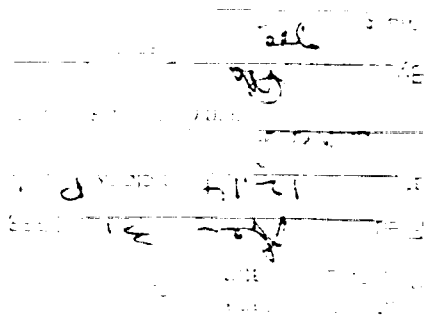
Date December 30, 1963

Three copies to be filled by the owner with the County Clerk and Recorder of the county in which the well is located

Please answer all questions. If not applicable, so state. Otherwise the form will be returned.

Original to the County Clerk and Recorder for filing in the State Engineer's Office; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Applicant's use.

35905



GW-

Approved Stock Form—State Publishing Co., Helena, Montana

File No. ....

T ...... R. 3E ......

DUPLICATE

County ....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ...., of ....
(Name of Appropriator) (Address) (Town)

County of ....State of ....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

N

W E

S

new well
SE 1/4 NW 1/4 Sec 26 T....... R.......

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

old well
SW 1/4 SE 1/4 Sec 26 T.1 N R3E

2. The beneficial use on which the claim is based ....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been ....

4. The amount of groundwater claimed (in miner's inches or gallons per minute) ....

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof ....

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ....

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater ....

8. The depth of water table ....

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater ....

10. The estimated amount of groundwater withdrawn each year ....

11. The log of formations encountered in the drilling of each well if available ....

12 Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record ....

Signature of Owner ....

Date ....

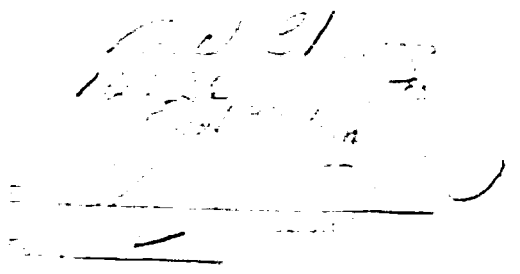
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator

35707

1794



G

Approved Stock Form—State Publishing Co., Helena, Montana—8687

File No.....

T 1 N R 3 E

DUPLICATE

County Gallatin

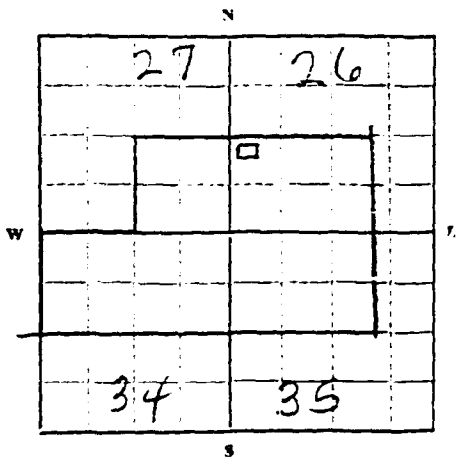
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Zula J. White of 610 S. 8th Bozeman
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW¼SW¼ Sec. 26 T 1N R 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic & Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Dec-1880 (Continuous)

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Yard & Garden
Zula J. White

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Approximately 1880

8. The depth of water table 5 To 6

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Dug 5' drilled To 30'

10. The estimated amount of groundwater withdrawn each year 500,000 GALLONS

11. The log of formations encountered in the drilling of each well if available
Not Available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Zula J. White

Date 12-27-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33346

#1207

December 30

9:25 A

EARL WALTON

By [signature]

Fee $ 2.00

3 Approved Stock Form—State Publishing Co., Helena, Montana—38495

File No. .....

T 1 N R 3 E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

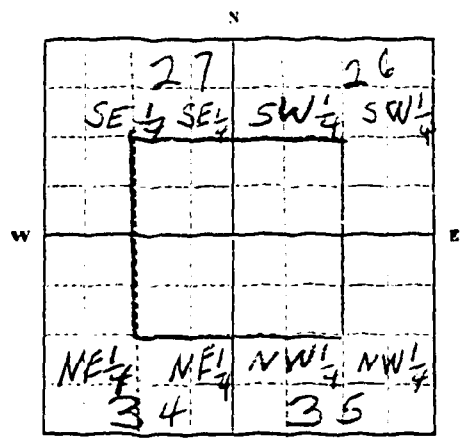
Date of Appropriation of Groundwater 12-27-1963

Owner Zula J. White Address 60 So 8th Bozeman

Contractor (if any) NOT APPLICABLE

Address of Contractor .....

Date Started ..... Date Completed .....



¼ ..... Sec. 27 T 1N R 3E

Indicate point of appropriation and place of use, if possible.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Sub-irrigation

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. SUFFICIENT SUB MOISTURE FOR GROWING SEASON

Signature of Owner Zula J. White

Date 12-27-63

This form to be prepared by contractor if any, otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

33344

#1205

State of [illegible]
County of Gallatin

December 30

9:23 A

[illegible] WALTCH

By Thelma Fiddler

Fee 2.00

GW 3

File No.....

DUPLICATE

T 1N R 3E

County GALLATIN

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

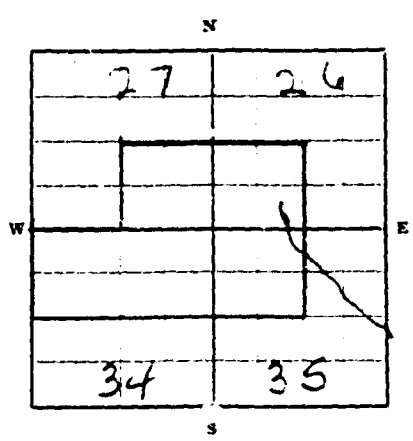
Date of Appropriation of Groundwater 12-27-1963

Owner Zula Y White Address 610 So. 8th Bozeman

Contractor (if any) NOT APPLICABLE

Address of Contractor .....

Date Started..... Date Completed.....



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.....

NATURAL FLOWING SPRINGS

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use .....

SE¼SE¼ Sec. 26 T. 1N R. 3E

Indicate point of appropriation and place of use, if possible.

APP 150 Miner Inches

CONTINUOUS

Signature of Owner Zula Y White

Date 12-27-1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

33345

#1206

December 30

9:24 A

EARL WALTON

2.00

T. 1 North R. 3 East

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner: Frankie Pearl Hier Address: Box 56, Bozeman, Montana

Driller: Charles T. White Address: Manhattan, Montana

Date started: 1918 Date completed: 1918

Location: [illegible] Sec. 27 T. 1 N. R. 3 E., sec. W.½ of SE¼

Type of well: Drilled (dug, driven, or drilled) Equipment used: Drill (churn, drill, rotary, other)

Water use: Domestic XX Municipal ___ Stock XX Irrigation XX garden
Industrial ___ Drainage ___ Other ___

Casing: 0 ft. to 45 ft. Type iron size 2 inch

Casing: ___ ft. to ___ ft. Type ___ size ___

Casing: ___ ft. to ___ ft. Type ___ size ___

Perforated or screened: ft. ___ to ft. ___, ft. ___ to ft. ___

Type of screen or perforations ___

Static water level, for non-flowing well: 35 feet.

Shut-in pressure, for flowing well: ___ lb. sq. in. on ___ (date)

Pumping water level: 25 feet at ___ gal. per min. ___

[illegible]: ___

[illegible]: ___

#446

Gallatin County, }
State of Montana. } ss.

Filed Dec 29, 19[illegible]

at 4:29 o'clock P. M.

County Clerk & Recorder

By [illegible]

Deputy

Fee $ 2.00

27

Form No. 1
2-02

T. 1 North R. 1 East

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

27

Owner Frances Pearl Hier Address Box 28, Bozeman, Montana

Driller Manhattan Company Address Manhattan, Montana
S. McMahan, Fred

Date Started 1905 Date Completed 1905

Location: Sec. 27 T. 1 N. R. 3 E ¼ sec. NW ¼ of SE

Type of well Drilled Equipment used Drill
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic XX Municipal ____ Stock XX Irrigation XX garden

Industrial ____ Drainage ____ Other ____

Casing: 0 ft. to 50 ft. Type iron Size 6 inch

Casing: ____ ft. to ____ ft. Type ____ Size ____

Casing: ____ ft. to ____ ft. Type ____ Size ____

Perforated or screened: ft. ____ to ft. ____, ft. ____ to ft. ____

Type of screen or perforations ____

Static water level, for non-flowing well: 25' feet.

Shut-in pressure, for flowing well: ____ lb./sq. in. on: ____
date

Pumping water level 25 feet at ____ gal. per min. ____

How tested: ____

Depth [illegible]

Gallatin County,
State of Montana. } ss.

Filed Dec. 29, 1931

at 4:33 o'clock P M.

COUNTY CLERK AND RECORDER

By [illegible]
DEPUTY

Fee $ 2.00 paid

GW

File No.

DUPLICATE

T 1N R 3E

County [illegible]

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

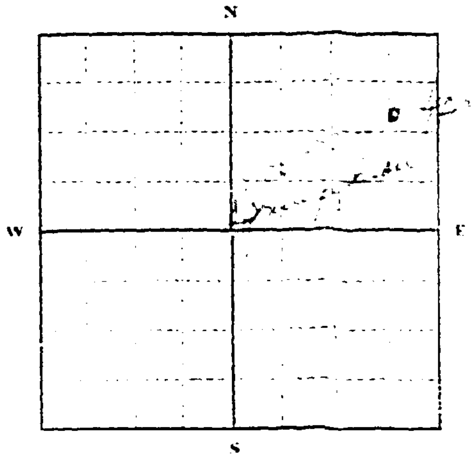
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. FRA[illegible] of 1026 South Grand, Bozeman
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



xxxxxxxxxxxx
NE ¼ Sec. 27 T. 1N R. 3E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based is for irrigation and livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915 in May and has been continuously used for livestock water and for irrigation since said date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) [illegible] gallons per day

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NE 1/4 of Section 27, T1N R3E,
Frankie Pearl [illegible] { a springy draw

Source of water one enlarged and improved spring and /

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal one enlarged improved spring and one springy draw as the source of water claimed, and used for livestock water and for irrigation.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started in 1915, and enlarged and developed as need for use developed, but used constantly since 1915.

8. The depth of water table in excess of five feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater for livestock spring water is piped into watering trough and for irrigation is pumped into the sprinkling system.

10. The estimated amount of groundwater withdrawn each year 750,000 gallons per year

11. The log of formations encountered in the drilling of each well if available none available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none available.

Signature of Owner [signature]

Date December 30, 1963

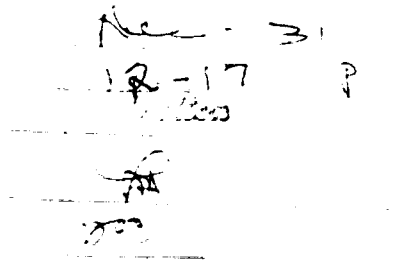
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and quadruplicate to the Appropriator.

35908

1594



Form No. 18
3-60

27

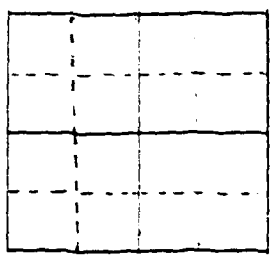
T._____ R._____

County [illegible]

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
STATE ENGINEER

WATER WELL LOG



Owner [illegible] Address [illegible]

Driller [illegible] Address Bozeman, Mont.

Date Started 1/10/61 Date Completed 1/15/61

Location: Sec._____ T._____ R._____ ¼ sec._____

Type of well Drilled Equipment used [illegible]
(Dug, driven, bored, or drilled) (Churn, drill, rotary, steam)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other [illegible]

Casing: [illegible] ft. to [illegible] ft. Type [illegible] Size [illegible]

Casing:_____ ft. to_____ ft. Type_____ Size_____

Casing:_____ ft. to_____ ft. Type_____ Size_____

Perforated or Screened: Ft._____ to ft._____. Ft._____ to ft._____

Type of screen or perforations_____

Static Water level, for non-flowing well: 7 feet.

Shut-in pressure, for flowing well:_____ lb./sq. in. on:_____
(date)

Pumping water level [illegible] feet at [illegible] gal. per min._____

How tested: [illegible]

Length of test [illegible]

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

27

Form No. 18
8-60

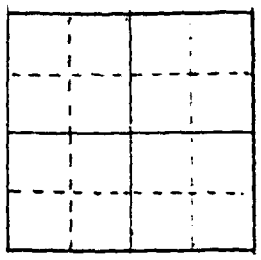
T._____ R._____

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
STATE ENGINEER

WATER WELL LOG



Owner Zula J. White Address 326 Lindley Place Bozeman, Mont.

Driller Van Orden Drilling Co. Address Bozeman, Mont.

Date Started 1/10/60 Date Completed 1/15/61

Location: Sec. ____ T. ____ R. ____ ¼ sec. _____

Type of well Drilled (Dug, driven, bored, or drilled) Equipment used Cable Tools (Churn, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other Potatoe Pit

Casing: 0 ft. to 20 ft. Type Primo Steel Size 6 5/8 O.D. 17# SR

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____. Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 7 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 25 feet at 20 gal. per min. _____

How tested: Bailer

Length of test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	[illegible]	[illegible]
10	[illegible]	[illegible]